

11835PFW EPIC™ Quick White

Wilflex™ EPIC Quick White is a non-phthalate premium white ink that delivers superior printability, premium aesthetics and un-matched soft hand feel. EPIC Quick White can be used as an underbase flash white or as a highlight white. It is characterized by an extremely fast flash time with minimal after-tack, excellent fiber mat-down, high brightness and matte appearance. EPIC Quick White is designed for applications on 100% cotton and cotton/poly blends where moderate bleed resistance is required.

Highlights

- ▶ Premium soft hand feel
- ▶ High opacity
- ▶ Smooth, bright surface
- ▶ Matte finish
- ▶ Fast flashing with minimal after-tack
- ▶ Use as a first-down, underbase flash white or an overprint stand-alone white
- ▶ Prints easily through recommended meshes.

Printing Tips

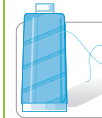
- ▶ Use consistent, high-tensioned screen mesh to optimize performance properties.
- ▶ To increase production speeds, use finer mesh counts for the flash plate to decrease gel time. Set flash dwell times on heated pallets to simulate production. Adjust your settings so that the ink is just dry to the touch.

Compliance

- ▶ Non-phthalate.
- ▶ For individual compliance certifications, please visit www.wilflex.com/compliance.

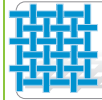
Precautions

- ▶ Stir plastisols before printing.
- ▶ Do not dry clean, bleach or iron printed area.
- ▶ Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion and unacceptable durability. Gel and cure temperatures for ink should be measured using a Thermoprobe device placed directly in the wet ink film and verified on the substrate(s) and equipment to be used for production.
- ▶ It is the responsibility of the printer to determine that the correct ink has been selected for a specific substrate and the application processes meet the printer's customer standards or specifications.
- ▶ Curing is the responsibility of each printer to confirm that the print is fully cured. PolyOne's cure recommendations are not a guarantee or warranty, but merely suggested starting points for curing evaluations as explained above.
- ▶ When printing on garments that contain certain dyes, you must pre-test for the potential of ghosting. Please refer to our website for more information on this issue.
- ▶ Wilflex products have been carefully designed to perform within a given viscosity range, and any dramatic change in viscosity is probable to result in a change in printing characteristics
- ▶ **NON-CONTAMINATION OF EPIC INKS:** Do not mix EPIC inks with inks, additives or extenders from other companies. All buckets, palette knives, stirring apparatus, squeegees, flood bars and screens must be cleaned properly and free of phthalates and pvc containing inks. Non-phthalate emulsions and pallet adhesives must be used. Failure to follow these precautions may cause phthalate contamination in violation of consumer protection laws and regulations.
- ▶ Any application not referred in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing.
- ▶ Email: techserviceswilflex@polyone.com



Fabric Types

100% cotton, cotton/poly blends



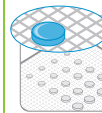
Mesh

Counts: 86-305 t/in (34-120 t/cm)
Tension: 25-35 n/cm²



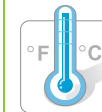
Squeegee

Durometer: 60-70, 60/90/60
Edge: Square, Sharp
Stroke: Hard flood, Fast stroke
**Do not use excess squeegee pressure.*



Non-Phthalate Stencil

Direct: 2 over 2
Capillary/Thick Film: N/A
Off Contact: 1/16" (.2cm)



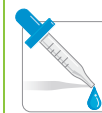
Flash & Cure Temperatures

Flash: 220°F (105°C)
Cure: 300°F (150°C)



Pigment Loading

EQ: N/A
MX: N/A
PC: N/A
**All percentages listed at % by weight.*



Epic Additives

Extender: N/A
Reducer: Epic Viscosity Buster-3% max
**All percentages listed at % by weight.*



Shipping & Storage

65-90°F (18-32°C)
Avoid direct sunlight.
Use within one year of receipt.



Clean Up

Ink degradant or press wash.



Health & Safety

SDS: www.polyone.com or
Contact your local CSR.